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Attorney Docket No. 1293.1691C2

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Patent Application of:

Hyun-kwon CHUNG et al.

Application No.: 10/797,056

Group Art Unit: 2176 (anticipated)

Filed: March 11, 2004

Examiner: Robert Stevens (anticipated)

For: REPRODUCING METHOD AND APPARATUS FOR INTERACTIVE MODE USING
MARKUP DOCUMENTS

INFORMATION DISCLOSURE STATEMENT

Commissioner for Patents
PO Box 1450
Alexandria, VA 22313-1450

Sir:

In accordance with the duty of disclosure provisions of 37 CFR § 1.56, there is hereby provided certain information which the Examiner may consider material to the examination of the subject U.S. patent application. It is requested that the Examiner make this information of record if it is deemed material to the examination of the subject application.

1. Enclosures accompanying this Information Disclosure Statement are:

- 1a. ☒ Form PTO-1449.
- 1b. ☒ Copy(ies) of IDS citation(s), except for U.S. Patents and U.S. Patent Application publications.
- 1c. ☒ English language copy of a communication(s) from a foreign Patent Office or a PCT International Search Report.
- 1d. ☐ English language translation (Abstract Only) attached to non-English language publications as indicated on the attached Form PTO-1449.
- 1e. ☒ Explanations of Relevancy of References (ATTACHMENT 1(e), hereto) for providing a concise explanation of non-English publications.
- 1f. ☐ List of Copending Applications (ATTACHMENT 1(f), hereto).
- 1g. ☐ List of Additional Submitted Documents (ATTACHMENT 1(g), hereto).

2. ☒ This Information Disclosure Statement is filed under 37 CFR § 1.97(b):

(Check either Item 2a or 2b or 2c or 2d)

- 2a. ☐ Within three months of the filing date of a national application;
- 2b. ☐ Within three months of the date of entry of the national stage as set forth in § 1.491 in an international application.
- 2c. ☒ Before the mailing of a first Office Action on the merits; or
- 2d. ☐ Before the mailing of a first Office Action after the filing of a Request for Continued Examination under § 1.114.

3. ☐ This Information Disclosure Statement is filed under 37 CFR § 1.97(c) after the period specified in paragraph 2 above but before the mailing date of any of a Final Office Action under § 1.113, a Notice of Allowance under § 1.311 or an action that otherwise closes prosecution in the application, AND

(Check either Item 3a or 3b; Item 3b to be checked if any reference known for more than 3 months)

- 3a. ☐ The § 1.97(e) Statement in Item 5 below is applicable; OR
3b. ☐ The \$180.00 fee set forth in 37 CFR § 1.17(p) is:
☐ enclosed.
☐ to be charged to Deposit Account No. 503333.

4. ☐ This Information Disclosure Statement is filed under 37 CFR § 1.97(d) after the period specified in paragraph 3 above, but on or before payment of the Issue Fee, AND

- 4a. ☐ The § 1.97(e) Statement in Item 5 below is applicable; AND
4b. ☐ The \$180.00 fee set forth in 37 CFR § 1.17(p) is:
☐ enclosed.
☐ to be charged to Deposit Account No. 503333.

5. ☐ Statement under § 1.97(e) *(applicable if Item 3a or Item 4a is checked)*

(Check either Item 5a or 5b)

- 5a. ☐ In accordance with 37 CFR § 1.97(e)(1), it is stated that each item of information contained in this Information Disclosure Statement was first cited in any communication from a foreign patent office in a counterpart foreign application not more than three months prior to the filing of this Information Disclosure Statement.
5b. ☐ In accordance with 37 CFR § 1.97(e)(2), it is stated that no item of information contained in this Information Disclosure Statement was cited in a communication from a foreign patent office in a counterpart foreign application and, to the knowledge of the person signing the certification after making reasonable inquiry, no item of information contained in this Information Disclosure Statement was known by any individual designated in § 1.56(c) more than three months prior to the filing of this Information Disclosure Statement.

6. ☒ This is a continuation/divisional/continuation-in-part application under 37 CFR § 1.53(b).

(Check appropriate Items 6a and/or 6b)

- 6a. ☒ Copies of the publications listed on the attached Form PTO-1449 which were previously cited in prior application Serial No. 10/384,063, filed on March 10, 2003, and related application Serial No. 10/797,057 filed on March 11, 2004, and which is relied on for an earlier effective filing date for the subject application under 35 U.S.C. § 120, have been omitted pursuant to 37 CFR § 1.98(d).
6b. ☐ Copies of the publications listed on the attached Form PTO-1449 which were not previously cited in prior application Serial No. ___, filed on ___, and which is relied on for an earlier effective filing date for the subject application under 35 U.S.C. § 120, are provided herewith.

7. ☐ This is a Request for Continued Examination under 37 CFR § 1.114.
(Check either Item 7a or 7b)
- 7a. ☐ The Issue Fee has not been paid.
- 7b. ☐ A Petition to Withdraw from issue under 37 CFR § 1.313(c) is filed concurrently herewith or has been granted. A Request for Continued Examination under 37 CFR § 1.114, after payment of the Issue Fee, is proper in accordance with 37 CFR § 1.114(a), respectively.
8. ☐ This is a Supplemental Information Disclosure Statement.
(Check either Item 8a or 8b)
- 8a. ☐ This Supplemental Information Disclosure Statement under 37 CFR § 1.97(f) supplements the Information Disclosure Statement filed on _____. A bona fide attempt was made to comply with 37 CFR § 1.98, but inadvertent omissions were made. These omissions have been corrected herein. Accordingly, additional time is requested so that this Supplemental IDS can be considered as if properly filed on _____.
- 8b. ☐ This Supplemental Information Disclosure Statement is timely filed within one (1) month of the Notice under 37 CFR §§ 1.97 and 1.98, mailed _____.
9. ☒ In accordance with 37 CFR § 1.98, a concise explanation of what is presently understood to be the relevance of each non-English language publication is:
(Check appropriate Items 9a, 9b, 9c and/or 9d)
- 9a. ☒ satisfied for the non-English language publication(s) cited on the enclosed "English language version of the search report or action which indicates the degree of relevance found by the foreign office". (See MPEP § 609, Minimum Requirements for an Information Disclosure Statement, Part A(3): Concise Explanation of Relevance, 8th Ed., Rev. 2)
- 9b. ☐ set forth in the application.
- 9c. ☒ satisfied for the non-English language publication(s) indicated on the attached Form PTO-1449 as having an English language translation (Abstract Only) attached thereto.
- 9d. ☒ enclosed as Attachment 1(e), hereto.
10. No admission is made that the information cited in this Statement is, or is considered to be, material to patentability nor a representation that a search has been made (other than search report(s) from a counterpart foreign application or a PCT International Search Report, if submitted herewith). 37 CFR §§ 1.97(g) and (h).

11. The Commissioner is authorized to credit any overpayment or charge any additional fee required under 37 CFR § 1.17 for this Information Disclosure Statement to Deposit Account No. 503333.

Respectfully submitted,

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Hung H. Bui
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Sheet 1 of 2

| | | |
|--|------------------------|--------------------|
| FORM PTO-1449 U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE LIST OF REFERENCES CITED BY APPLICANT (Use several sheets if necessary) | ATTORNEY DOCKET NO. | APPLICATION NO. |
| | 1293.1691C2 | 10/797,056 |
| | FIRST NAMED INVENTOR | |
| | Hyun-kwon CHUNG et al. | |
| | FILING DATE | GROUP ART UNIT |
| | March 11, 2004 | 2176 (anticipated) |

U.S. PATENT DOCUMENTS

| *EXAMINER INITIAL | | DOCUMENT NO. | DATE | NAME | CLASS | SUB- CLASS | FILING DATE |
|----------------------|----|-----------------|---------|---------------|-------|---------------|----------------|
| | AA | 2002/0088011 | 07/2002 | Lamkin et al. | 725 | 142 | |
| | AB | 2002/0078144 | 06/2002 | Lamkin et al. | 709 | 203 | |
| | AC | 6,823,492 | 11/2004 | Ambroziak | 715 | 530 | |
| | AD | 6,426,778 | 07/2002 | Valdez, Jr. | 348 | 461 | |
| | AE | 5,982,445 | 11/1999 | Eyer et al. | 348 | 461 | |
| | AF | 2002/0194227 | 12/2002 | Day et al. | 707 | 523 | |

FOREIGN PATENT DOCUMENTS

| | | DOCUMENT NO. | DATE | COUNTRY | CLASS | SUB- CLASS | <u>TRANSLATION</u> YES NO | |
|--|----|-----------------|----------|---------|-------|---------------|------------------------------|--|
| | AG | 10-322640 | 12/4/98 | Japan | | | Abs. | |
| | AH | 9-274776 | 10/21/97 | Japan | | | Abs. | |
| | AI | 2001-118321 | 04/27/01 | Japan | | | Abs. | |
| | AJ | 10-136314 | 5/22/98 | Japan | | | Abs. | |
| | AK | 10-162018 | 6/19/98 | Japan | | | Abs. | |

| | | | |
|--|----|---|--|
| OTHER REFERENCES (Including Author, Title, Date, Pertinent Pages, Etc.) | | <u>TRANSLATION</u> YES NO | |
| | AL | Search Report issued in International Patent Application No. PCT/KR03/00405 on July 7, 2003 | |

| | |
|--|------------------------|
| EXAMINER | DATE CONSIDERED |
| *EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. | |

| | | | |
|--|--|--|--------------------------------------|
| FORM PTO-1449 | U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE | ATTORNEY DOCKET NO. 1293.1691C2 | APPLICATION NO. 10/797,056 |
| LIST OF REFERENCES CITED BY APPLICANT (Use several sheets if necessary) | | FIRST NAMED INVENTOR Hyun-kwon CHUNG et al. | |
| | | FILING DATE March 11, 2004 | GROUP ART UNIT 2176 (anticipated) |

U.S. PATENT DOCUMENTS

| *EXAMINER INITIAL | | DOCUMENT NO. | DATE | NAME | CLASS | SUB- CLASS | FILING DATE |
|----------------------|----|-----------------|---------|-----------------|-------|---------------|----------------|
| | AM | 2003/0038796 | 02/2003 | Van Beek et al. | 345 | 418 | |
| | AN | 2002/0180774 | 12/2002 | Errico et al. | 345 | 721 | |
| | AO | 2002/0069218 | 06/2002 | Sull et al. | 707 | 501.1 | |
| | AP | 2001/0010523 | 08/2001 | Sezan et al. | 345 | 716 | |
| | AQ | 2003/0061610 | 03/2003 | Errico et al. | 725 | 46 | |
| | AR | 6,912,538 | 06/2005 | Stapel et al. | 707 | 101 | |

| OTHER REFERENCES (Including Author, Title, Date, Pertinent Pages, Etc.) | | | | | TRANSLATION YES NO | |
|---|----|--|--|--|-----------------------|--|
| | AS | Hu, Michael J., et al., "Multimedia Description Framework (MDF) for Content Description of Audio/Video Documents", DL '99, Berkeley, CA, Aug. 1999, pp. 67-75 [ACM 1-58113-145-3/99/08]. | | | | |
| | AT | North, Simon, et al., Sam's Teach Yourself XML in 21 Days, Sam's Publishing, Indianapolis, IN, Mar. 1999, pp. 97-99, 227-263, 298-305, 466-471, 474 and 477 | | | | |
| | AU | Auffret, Gwendal, et al., "Audiovisual-based Hypermedia Authoring: Using Structured Representations for Efficient Access to AV Documents", Hypertext '99, Darmstadt, Germany, Feb. 1999, pp. 169-178 [ACM 1-58113-064-3/99/2]. | | | | |
| | AV | Michael Morrison et al., XML Unleashed, Sam's Publishing, Indianapolis, IN, Dec. 1999, pp. 149-153, 174-179, 184-202, 206-209, 290, 424, 427, 431-447 and 463-467. | | | | |

| | |
|--|-----------------|
| EXAMINER | DATE CONSIDERED |
| <p>*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.</p> | |

**ATTACHMENT 1(e)**

| | | |
|--|------------------------|--------------------|
| EXPLANATIONS OF RELEVANCY OF REFERENCES | ATTORNEY DOCKET NO. | APPLICATION NO. |
| | 1293.1691C2 | 10/797,056 |
| | FIRST NAMED INVENTOR | |
| | Hyun-kwon CHUNG et al. | |
| | FILING DATE | GROUP ART UNIT |
| | March 11, 2004 | 2176 (anticipated) |

*Japanese references AG-AK were previously cited in the Information Disclosure Statement filed on March 11, 2004, in the present application. However, for purposes of completeness, these references are being resubmitted along with English abstracts and the International Search Report dated July 7, 2003 (Reference AL) for the Examiner's convenience.

*U.S. issued patents and publications AA-AF and AM-AR and other references AS-AV were cited by the Examiner in parent application Serial No. 10/384,063 on July 12, 2005 and in related application Serial No. 10/797,057 on August 24, 2005, and are listed on the attached form PTO-1449 also for the Examiner's convenience. However, copies of these references are not enclosed.